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## Appendix A

### Claims:

1. A method of treating inflammatory symptoms related to skin disorders, other than wounds, in a mammal, comprising topical application to the site of the inflammatory skin disorder an inflammation treating amount of non-interlinked, particulate bioactive glass having a particle size range less than about 90 microns, the bioactive glass having the following compositional weight percentages:

|                               |       |
|-------------------------------|-------|
| SiO <sub>2</sub>              | 40-86 |
| CaO                           | 10-46 |
| Na <sub>2</sub> O             | 0-35  |
| P <sub>2</sub> O <sub>5</sub> | 2-15  |
| CaF <sub>2</sub>              | 0-25  |
| B <sub>2</sub> O <sub>3</sub> | 0-10  |
| K <sub>2</sub> O              | 0-8   |
| MgO                           | 0-5.  |

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2. The method of Claim 1, further comprising applying along with the bioactive glass, topical creams, ointments, gels, or lotions.

3. The method of Claim 1, further comprising applying along with the bioactive glass, one or more additional therapeutic agents.

4. The method of Claim 3 wherein one or more therapeutic agents are selected from the group consisting of healing promotion agents, anti-inflammatory agents, antiseptic agents, and topical anesthetic agents.

6. The method of claim 1, wherein the composition of the bioactive glass has a composition, by weight percentage as follows::

| Compound                      | Percent |
|-------------------------------|---------|
| SiO <sub>2</sub>              | 45      |
| CaO                           | 24.5    |
| Na <sub>2</sub> O             | 24.5    |
| P <sub>2</sub> O <sub>5</sub> | 6.      |

8. The method of claim 1, wherein the bioactive glass has a particle size range less than about 20 microns.
9. The method of claim 1, wherein the bioactive glass has a particle size range less than about 2 microns.